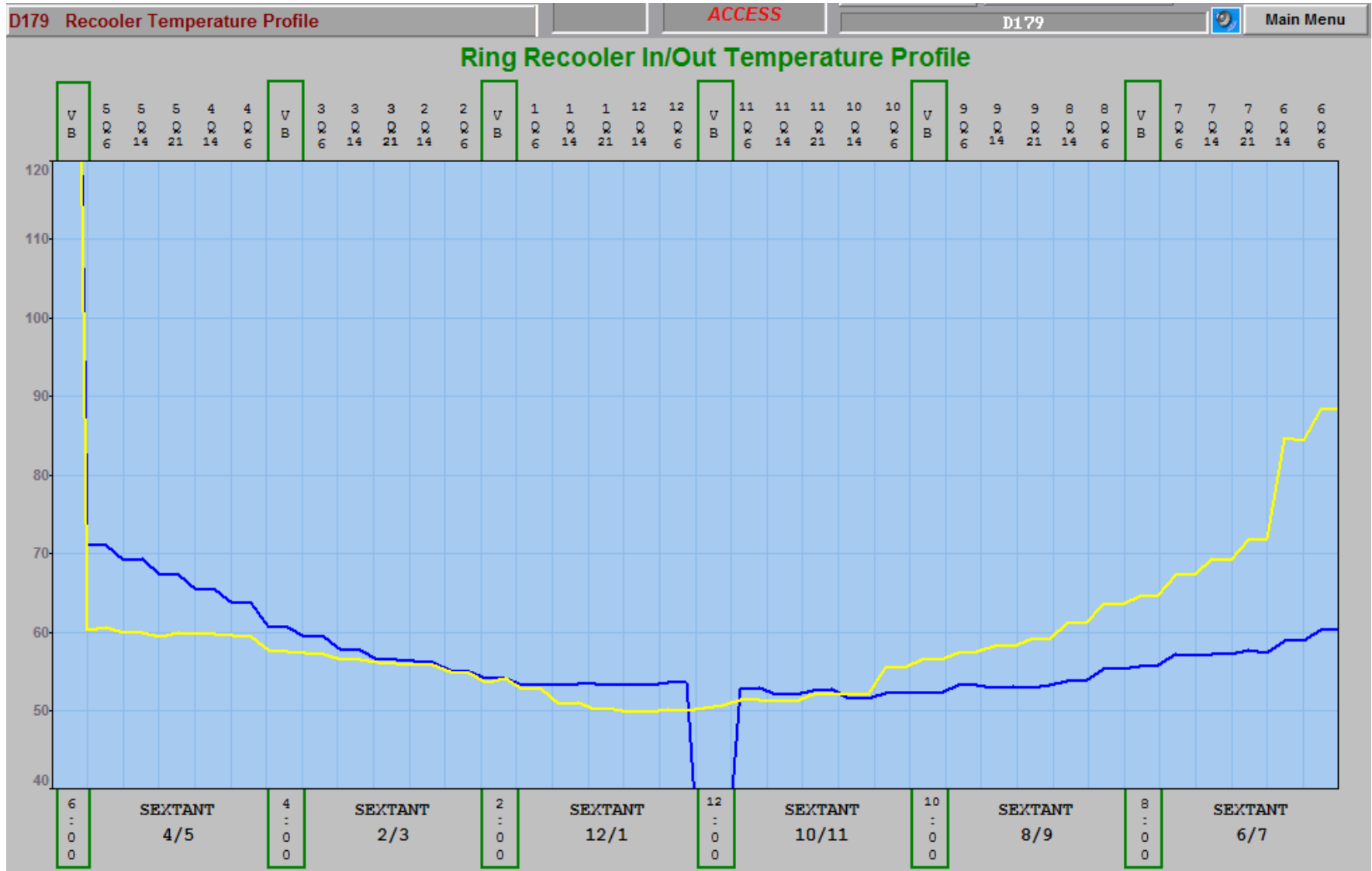


**RHIC**  
**CRYOGENICS SYSTEM**  
Time meeting  
1-20-2015

# RHIC MAIN CRYO

- VODH test this morning 8 am
- 45K wave complete
- Truck #3 arrived Friday 16
- Cold expanders up and running
- 4K wave starting now
- Empty truck #3
- Truck #4 Scheduled for Wednesday early morning

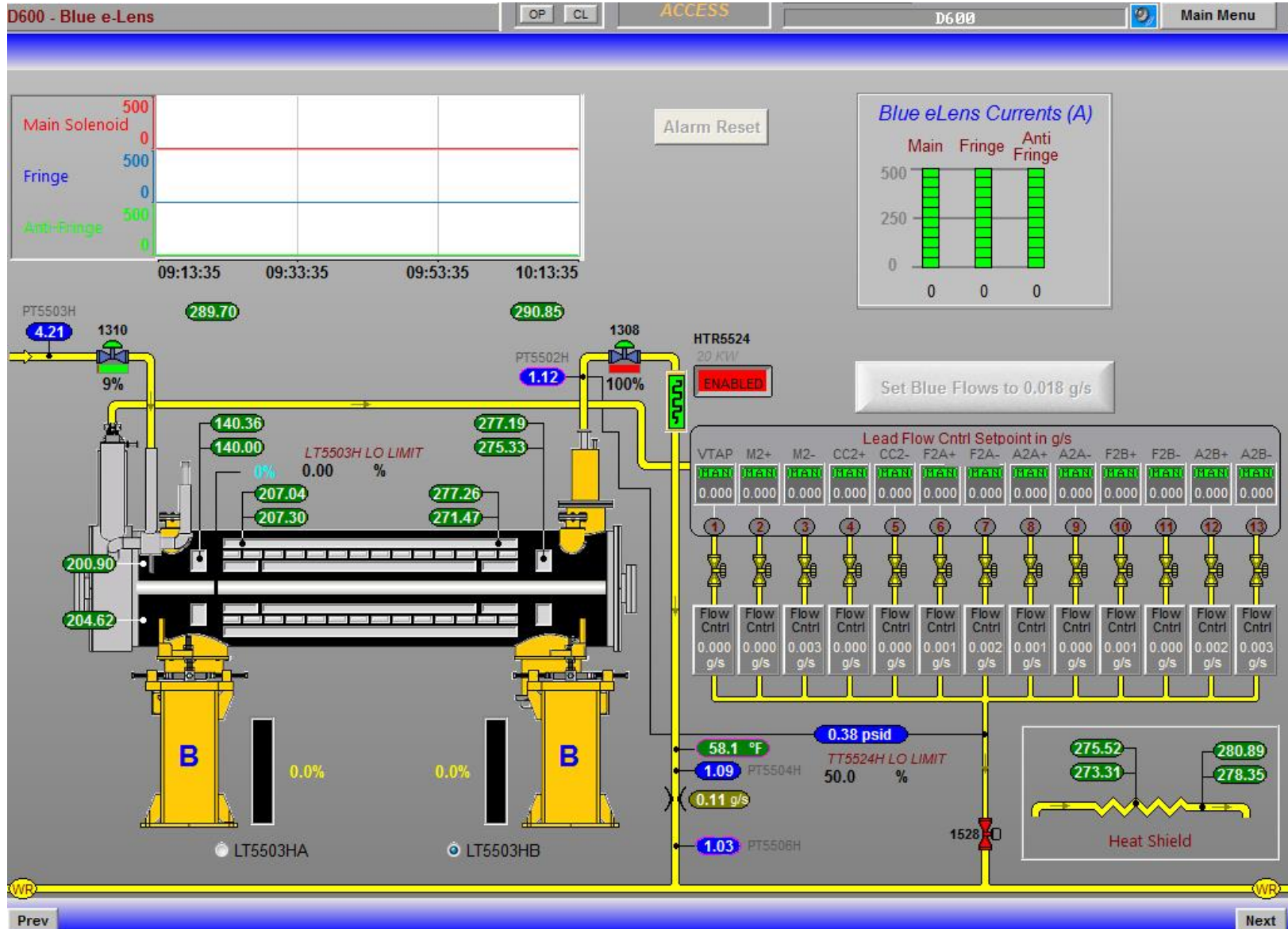
# Magnet ring temps



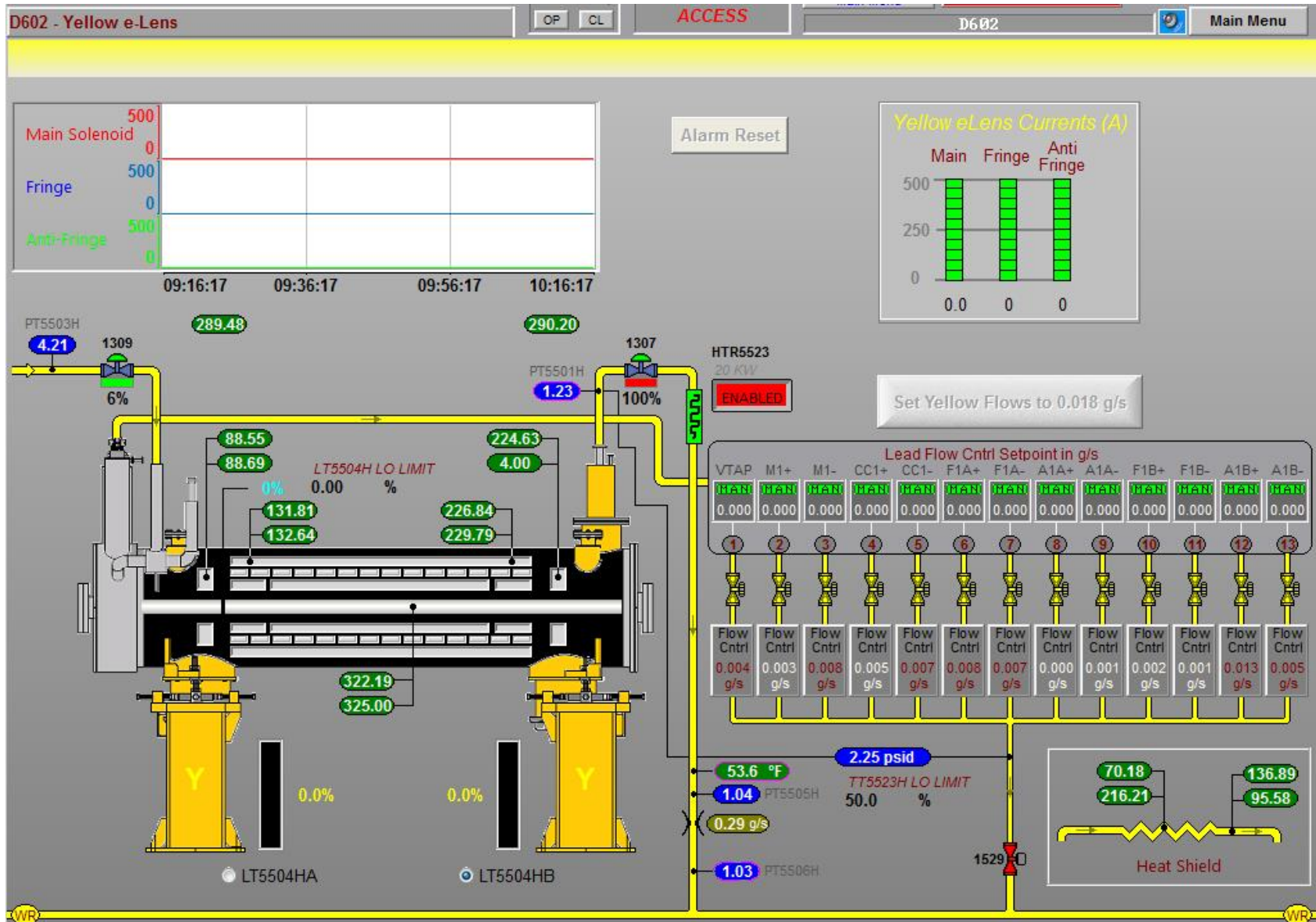
# IP-4: 56MHz, IP2 112MHz, IP10 e-lens

- 56 MHz:
- Sunday 18. Precool to from 300K to 60K at controlled rate at no more than 20K /hr.
- Will get it to 4.5K prior to BLUE beam development. Cooldown from 60K to 4K at the end of BLUE 4K wave or during Blue ring soak.
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- E-LENS solenoids:
- Started slow cooldown Sunday morning 300K to 45K.
- BLUE has the new annular helium volume on the inner mandrel. Controlled cooldown less than 10K/hr.
- Cooldown to 4K after BLUE ring is done. Solenoid ramp test Sat 24, Sun 25, and onwards while waiting for Yellow beam.
- 
- CeC 112MHz:
- FPC/Cathode water loop running Wed Jan 21
- RF ready for Monday 26 for conditioning
- Cooldown after BLUE is done and after e-lens is at 4K: Fri 23 or Sat 24 or Sun 25

# BLUE E-LENS



# Yellow e-lens



# 56Mhz Cooldown

